**Order of Operations**

***ORDER OF OPERATIONS***

*1. Perform any calculations inside parentheses or brackets.  
2. Simplify exponents from left to right.  
3. Perform all multiplication and division from left to right, whichever comes first.  
4. Perform all addition and subtraction from left to right, whichever comes first.*

**Example**

|  |  |  |  |
| --- | --- | --- | --- |
| 90 ÷ 9 + 7 · 3 - 12 | = | 10 + 7 · 3 - 12 | Division |
|  | = | 10 + 21 - 12 | Multiplication |
|  | = | 31 - 12 | Addition |
|  | = | **19** | Subtraction |

**Example**

|  |  |  |  |
| --- | --- | --- | --- |
| 90 ÷ (9 + 6) - (12 - 2) | = | 90 ÷ 15 - (12 - 2) | Addition within parentheses |
|  | = | 90 ÷ 15 - 10 | Subtraction within parentheses |
|  | = | 6 - 10 | Division |
|  | = | **-4** | Subtraction |

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***CLICK ON THE IMAGE BELOW TO WATCH VIDEO ABOUT ORDER OF OPERATIONS***

[***http://www.khanacademy.org/video/introduction-to-order-of-operations?playlist=Pre-algebra***](http://www.khanacademy.org/video/introduction-to-order-of-operations?playlist=Pre-algebra)